

# Appendix 6.5 Landscape Effects

## Appendix 6.5: Landscape Effects

- 1.1 For both the landscape and visual effects, the construction activity duration is assumed to commence in January 2015 and last until March 2017. During this time the construction would not occur at all the ponds at the same time, however there would be associated working i.e. between Stock Pond and Kenwood Ladies' Bathing Pond. Where the term "no further assessment required" is stated, this is due to the preceding effect being judged as negligible and therefore removed from the assessment.

**Table 9.1 Effects to Landscape Policies**

Policy Documentation	Policy or Reference Section	Construction (winter)	Operation Year 1 (winter)	Operation Year 15 (summer)
The London Plan, Spatial Development Strategy for Greater London, July 2011.	Section 7.11 London View Management Framework. London Panorama View – Kenwood to London	The construction plant crossing the path network between Kenwood House Nursery and The Heath would be visible in the foreground of the view. The remaining construction activities would be screened by the intervening vegetation and landform. As views of the construction plant are considered to be within the character of existing views of maintenance equipment the magnitude of change is negligible and the effect negligible.	Due to the intervening landform and existing vegetation the main aspects of the Proposed Development would be screened. The reduction of trees bordering Stock Pond is considered to be a very minor change to the view and therefore the magnitude of change is negligible and the effect negligible.	No further assessment required.
London View Management Framework, The London Plan Supplementary Planning Guidance, 2007	London Panorama from Parliament Hill (2A.1 and 2B.1)	Due to the orientation of the view towards London, the construction activity would not be within the angle of view. Therefore the locations 2A.1 and 2B.1 have been removed from the assessment. Parliament Hill is included as a receptor as visual receptor no.2 (verified view) and Receptor D.	No further assessment required.	No further assessment required.
	London Panorama from Kenwood (3A.1).	The construction plant crossing the path network between Kenwood House Nursery and The Heath would be visible in the foreground of the view. The remaining construction activities would be screened by the intervening vegetation and landform. As views of the construction plant are considered to be within the character of existing views of maintenance equipment the magnitude of change is negligible and the effect negligible.	Due to the intervening landform and existing vegetation the main aspects of the Proposed Development would be screened. The reduction of trees bordering Stock Pond is considered to be a very minor change to the view and therefore the magnitude of change is negligible and the effect negligible.	No further assessment required.
London Borough of Camden Local Development Framework Core Strategy, adopted 2010	Policy CS15 – Protecting and improving our parks and open spaces and encouraging biodiversity.	<p>The siting of the main construction compound within Kenwood Nursery, the use of vehicles to reflect the scale and character of existing maintenance operations and solid hoardings are considered to aid in reducing the potential effects to the open character of The Heath.</p> <p>The construction activity is assessed as resulting in a minor adverse effect to the character of the Heath, due to the extent of works across the Highgate and Hampstead Chain of ponds being localised to the eastern and southern sections of The Heath.</p> <p>A number of views have been assessed as experiencing a significant effect during the construction phase. However these are localised to specific ponds and the wider views across the Heath are not affected. This includes for protecting the panoramic views from Parliament Hill.</p> <p>Therefore overall the policy CS15 may be adversely affected due to the effects to landscape character.</p>	<p>The scale and extent of the Proposed Development is not considered to significantly affecting the landscape character of The Heath.</p> <p>The panoramic views are not significantly affected and where significant effects have been identified, these are localised to specific receptors at specific ponds.</p> <p>Therefore this policy is not considered to be adversely affected.</p>	As there are no significant effects to the landscape and one remaining significant visual effect the Proposed Development is not considered to adversely affect this policy.

Policy Documentation	Policy or Reference Section	Construction (winter)	Operation Year 1 (winter)	Operation Year 15 (summer)
London Borough of Camden Local Development Framework Development Policies adopted 2010.	Policy DP24 Securing high quality design.	The construction environmental management plan and the early contractual involvement are considered to be positive measures to securing the implementation of the design and delivering a high quality finish as considered relevant to The Heath.	The Proposed Design reflects the existing character of The Heath, through the appropriate materials, creation of soft edges and timber cladding of the retaining walls. The design has aimed to limit the extent of tree removal and reflect the existing landform.  Therefore from a landscape perspective the Proposed Development is considered comply with this policy.	The soft landscape proposals would have established and further aid in integrating the Proposed Development. This is considered appropriate in securing high quality design as relevant to the landscape character of The Heath.

**Table 9.2 Effect to Published Landscape Character Studies and Management Plans**

Published Landscape Character Studies and Management Plans	Construction (winter)	Operation Year 1 (winter)	Operational Year 15 (summer)
Natural England NCA Profile: 111 Northern Thames Basin (NE466)	As the construction activity is not located within this NCA there are no direct effects. The very minor scale and extent of the construction activity is not considered to result in any indirect effects to the NCA.	As the Proposed Development is not located within the NCA there are no direct effects. The Proposed Development retains the key features of The Heath and therefore there are no indirect effects.	No further assessment required.
Natural England NCA Profile: 112 Inner London (NE476)	Due to the much localised extent of the construction activity in relation to the scale of the NCA, the magnitude of change is considered to be negligible and the effect negligible.	As the Proposed Development retains the key features of landform and vegetation across The Heath and is localised to specific ponds, the magnitude of change is negligible and the effect to the NCA negligible.	No further assessment required.
Natural England Hampstead Ridge, London's Natural Signatures: The London Landscape Framework – 5 Hampstead Ridge	Due to the much localised extent of the construction activity in relation to the scale of the NCA, the magnitude of change is considered to be negligible and the effect negligible.	As the Proposed Development retains the key features of landform and vegetation across The Heath and is localised to specific ponds, the magnitude of change is negligible and the effect to the NCA negligible.	No further assessment required.
Hampstead Heath The Hampstead Heath Management Plan, Part 1, Towards a Plan for the Heath 2007-2017, 2007, City of London.  Issues and Proposals for Heath Management. H6 - Maintain existing views and consider the restoration of lost views where appropriate.	This has been assessed under visual receptor locations A, B, C, D and E, for which all views are maintained during the construction phase. Therefore a negligible effect on Policy H6.	This has been assessed under visual receptor locations A, B, C, D and E, for which all views are maintained during the construction phase. Therefore a negligible effect on Policy H6.	No further assessment required.

**Table 9.3 Landscape Effects**

Landscape Character Areas	Construction (winter)	Operation Year 1 (winter)	Operation Year 15 (summer)
Hampstead Heath	<p>The construction activity would be centred on the Highgate and Hampstead Change of ponds and two borrow pits, located in the eastern and southern sections of The Heath. The construction activity would cover the immediate setting of these ponds, rather than across the whole of The Heath. The use of the works compound at Kenwood Nursery Yard is considered to be compatible with the existing usage of this facility and character of maintenance operations across The Heath.</p> <ul style="list-style-type: none"> <li>Stock Pond the construction activity is programmed for approximately three months. This activity is localised primarily on the southern edge and the pond and path network;</li> <li>The Kenwood Ladies' Bathing Pond construction activity is programmed for approximately five and a half months. The activity is localised primarily to the northern edge of the</li> </ul>	<p>In operation the following direct effects are considered at each of the ponds:</p> <ul style="list-style-type: none"> <li>at Stock Pond the new path would be compatible with the character of the existing path network alignment and surfacing. The changes to terrain due to the spillway would represent a very minor alteration to the landform and are considered to remain largely compatible with the character of the pond;</li> <li>the introduction of new built form at Kenwood Ladies Bathing, new fencing, realigned or re-profiled paths are considered to be compatible with the existing character of the pond, as is the retention of the Meadow Gate;</li> <li>the scale of the Proposed Development at Bird Sanctuary Pond would be compatible with the overall character of the pond;</li> <li>At Model Boating Pond the introduction of a 2.5m high embankment, new island and re-profiling of the southern edge of the pond is considered to be a moderate alteration to the immediate setting of the pond and partially compatible with the character of the pond and surrounding landform;</li> </ul>	<p>The establishment of planting and the integration of the habitat and ecological aspects of the Proposed Development, particularly at Model Boating, are considered to reduce the magnitude of change to negligible and the effects negligible. The Proposed Development would be compatible with the existing landscape character of the Heath.</p>

Landscape Character Areas	Construction (winter)	Operation Year 1 (winter)	Operation Year 15 (summer)
	<p>pond;</p> <ul style="list-style-type: none"> <li>The Bird Sanctuary Pond construction activity is programmed for approximately one month and focused to the south of the pond;</li> <li>The Model Boating Pond construction activity is programmed for approximately eight months. The activity would be focused mainly on the western and southern sections of the pond, with excavation for the new channel, island and embankment formation;</li> <li>at Men's Bathing Pond the construction activity is programmed for approximately 4 months, with the main activity focused on the southern edge;</li> <li>the construction activity at Highgate No.1 Pond is programmed for approximately five months, with the main focus of activity on the southern edge;</li> <li>Viaduct Pond the construction activity is programmed for two months and focused on the southern edge of the pond;</li> <li>The Vale of Health Pond is programmed for approximately three months with the focus on the southern and eastern areas of the pond primarily;</li> <li>The Catchpit activity is programmed for seven months, with the main activity being the earthworks to construct the new dam;</li> <li>Mixed Bathing is programmed for approximately 3 months with the main focus of the construction activity on the southern edge of the pond;</li> <li>Hampstead No.2 Pond is programmed for approximately four months of construction activity, with the main focus of the work to the northern and southern edges;</li> <li>Hampstead no.1 Pond is programmed for approximately 3 months with the main focus on the southern edge;</li> <li>the borrow pits have an approximate programme of seven months, with the main activity of excavation across the majority of the area.</li> </ul> <p>The construction activity would have direct temporary adverse effects to localised areas of the ponds. The exception is at Model Boating due to the extent of activity and duration. The impact to the ponds is considered in relation to the character of the Heath as a whole, for which the construction activity would be at slight variance to the scale and extent of existing maintenance and management operations. Therefore the magnitude of change is low and the effect is minor adverse.</p>	<ul style="list-style-type: none"> <li>at Men's Bathing Pond the cladding to the southern edge is considered to be largely compatible with the character of the existing pond;</li> <li>at Highgate No.1 Pond the re-profiling to the path network to the south of the pond would be a minor alteration, although largely compatible with the character of the pond, given the localised extent;</li> <li>the crest restoration and spillway at Viaduct Pond would retain the existing character and is considered to be compatible;</li> <li>the spillway and path edging at The Vale of Health Pond would be a very minor alteration and largely compatible with the existing character;</li> <li>the mass and scale of the new dam at The Catchpit would be a moderate alteration to the landform through the introduction of a new embankment;</li> <li>the character of Mixed Bathing would remain as the raised path is on the existing alignment;</li> <li>the Proposed Development to the southern edge of Hampstead No.2 Pond would be largely compatible with the existing retained edge and character of the pond;</li> <li>the minor scale for the Proposed Development at Hampstead No.1 Pond would be largely compatible with the existing character; and</li> <li>the reinstatement of the borrow pits would be compatible with the character of these areas.</li> </ul> <p>With the exception of the Model Boating Pond and The Catchpit, the Proposed Development would be largely compatible with the character of the existing ponds, due to the changes being localised or reflecting existing built elements. In relation to the overall character of the Heath, the magnitude of change is considered to be low and the effect is minor adverse (non-significant), mainly due to the variance at Model Boating and The Catchpit.</p>	
Highgate	As the construction activity is not located within this character area the magnitude of change is negligible and the direct effect negligible. There are no indirect effects either, due to the localised extent and scale of the works within the adjoin character area.	As the Proposed Development is not located within this character area the magnitude of change is negligible and the direct effect negligible. As the Proposed Development is considered to retain the landscape character within Hampstead Heath and is localised to existing features overall, there are no indirect effects.	No further assessment required.
Hampstead	As the construction activity is not located within this character area the magnitude of change is negligible and the direct effect negligible. There are no indirect effects either, due to the localised extent and scale of the works within the adjoin character area.	As the Proposed Development is not located within this character area the magnitude of change is negligible and the direct effect negligible. As the Proposed Development is considered to retain the landscape character within Hampstead Heath and is localised to existing features overall, there are no indirect effects.	No further assessment required.

Landscape Character Areas	Construction (winter)	Operation Year 1 (winter)	Operation Year 15 (summer)
Barnet	As the construction activity is not located within this character area the magnitude of change is negligible and the direct effect negligible. There are no indirect effects either, due to the localised extent and scale of the works within the adjoin character area.	As the Proposed Development is not located within this character area the magnitude of change is negligible and the direct effect negligible. As the Proposed Development is considered to retain the landscape character within Hampstead Heath and is localised to existing features overall, there are no indirect effects.	No further assessment required.

**Table 9.4 Effects to Linkages and Routes**

Linkages and Routes	Designated	Construction (winter)	Operation Year 1 (winter)	Operation Year 15 (winter)
Path between Mixed Bathing and Hampstead No.2 Pond	Cycle Path	This section of the route would still be accessible during construction, therefore a negligible magnitude of change and negligible effect.	The route would be on the same alignment as the existing. Therefore a negligible effect.	No further assessment required.
Viaduct	Cycle Path	This route would remain open, therefore a negligible magnitude of change and negligible effect.	The route would be on the same alignment as the existing. Therefore a negligible effect.	No further assessment required.
Model Boating and Men's Bathing	Cycle Path	This section of the route is likely to be temporarily closed and diverted while the construction activity is undertaken. Therefore there would be a minor alteration to the route, resulting in a low magnitude and minor adverse effect.	The route would be on the same alignment as the existing. Therefore a negligible effect.	No further assessment required.
Bird Sanctuary Pond and Model Boating	Horse Riding	This route would remain open, therefore a negligible magnitude of change and negligible effect.	The route would be on the same alignment as the existing. Therefore a negligible effect.	No further assessment required.

## Existing Vegetation

1.2 With reference to the Arboricultural Implications Report the main effects to the existing vegetation are:

- Stock Pond – the trees to be removed would be Category B and C species and include English Oaks trees along in the south-west corner of the pond. The category A English Oaks would remain. The main structure of the vegetation along the southern edge of the pond would remain;
- The Kenwood Ladies' Bathing Pond – the trees to be removed would be predominantly Category C species with some Category B. Trees in the south-west corner would be removed in relation to the proposed spillway. The existing vegetation beyond this would remain;
- The Bird Sanctuary Pond – no trees would be required to be removed as a direct result of the Proposed Development, however a number of trees are recommended for removal on arboricultural grounds;
- Model Boating Pond – a number of Category B and C trees to the south-west of the Model Boating Pond would be removed. Those at the proposed island would remain;
- Men's Bathing Pond – trees would be removed from along the south-western edge;
- Highgate No.1 Pond – Category C trees would be required for removal with the main structure of the vegetation being retained and localized coppicing;
- Viaduct Pond – the main vegetation structure would remain, including the category A tree. There would be 2 trees removed from the southern edge of the pond;
- Vale of Health Pond – 1 tree would be removed as a direct result of the Proposed Development;
- The Catchpit – there would be woodland clearance within the Catchpit with the boundary edge vegetation being retained overall. The majority of the trees to be removed area Category C;
- Mixed Bathing Pond – trees would be retained along the path between the Mixed Bathing Pond and Hampstead No.2 Pond;
- Hampstead No.2 Pond – 2 Category A London Plane trees would be removed, to the south-west corner of the pond. The main structure of the avenue of trees along the southern edge would remain;
- Hampstead No.1 Pond –The category A row of London Planes would remain with five Category C trees being removed.

1.3 From the above the main effects are at Catchpit, due to the extent of vegetation to be removed and at Hampstead No.2 Pond, with the removal of 2 category A London Planes. The extent of the vegetation removal however is considered to be very minor in relation to that across the Heath with the woodland character at Catchpit and the structure of the avenue of London Plane trees remaining The overall magnitude of change to the vegetation is negligible and the effect negligible.